

ABSTRACT OF THE DISCLOSURE

An apparatus for detecting pressure in an engine combustion chamber includes a functional member (1) mounted in an orifice (3) of a cylinder head (5) and a pressure sensor (19) axially pressed against one part (1b) linked to the functional member, via a bearing surface (17) fixed relative to the cylinder head, so as to enable the sensor to detect a displacement of the functional member upon combustion pressure variations. A mechanical link between the functional member and the cylinder head (5) is provided via an additional element (15, 17) fixedly linked to the cylinder head and part at least of the additional element exerts a pressure on the sensor (19) defining the bearing surface in fixed position relative to the cylinder head when the functional member mounted on the cylinder head (5) is in operation ready to be subjected to the pressure in the combustion chamber.